

```

taataacggc tagccagctc gacgtgaagg cagtgggggc cttgaggttg ccttttggcg 120
ttcaaaattg gctagactac cataacataa atattgattt ctcagtgaca tcactggttt 180
ggagtcaccc acagcctgtg caccagtacg gcaattgcct tttacatgaa gccatccttt 240
cacttttact tttgagattc tcagaactga ggggctaggg gtccgc 286

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<210> 292

<211> 290

<212> DNA

<213> Pinus taeda

<400> 292

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gacgttgtaa aacgacggcc agcaccttcc tagtccccctg ttccattctc ctgaaatagg 60
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tgagagaaca tacaaagact ttgtataaac tactttttcac aggatctcaa cagccctctg 180
ctgagatcca tttgatacaa ggccccttgc atctccaccc tctcccttat cacctccact 240
agaaagatga tggaaagcag acacatggaa atgttgctgc aggcgtccgc 290

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<210> 293

<211> 497

<212> DNA

<213> Pinus taeda

<400> 293

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gacgttgtaa aacgacggcc agttaggttg tatattgatt gatgactctt tgactccatt 60
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tttgatctgc ataaacctga tccaccatat ctacatcaca tctaaaatta ctaaaatgtg 180
aggagatgga atttgtttct tgagaatccc tattcctcat cgacactgtt tactggatca 240
gatccaatca aactcttgag aagtaatctc tggaaagaaa ttaaaaagtc tttacctgaa 300
ttatctcgat atcagaagca gaaattatga tacatagact tcttaataat gaagagtcac 360
tttgccaacg ttgtctttgc caccaccacca atcccatga tcccaaagat ctgaggtttc 420
catctctatg tggctgtgat aacactggat ttttcaaaaa tcttctactt tcgcatccaa 480
acctttttgg gatattt 497

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<210> 294

<211> 238

<212> DNA

<213> Pinus taeda

<400> 294

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gacgttgtaa aacgacggcc aggggggatgg gagatacaga aagattccgg ataaaaggga 60
gcaatgaacg gctgggttaa gcgtagtcca ccacactagc cccacctcca tgaggcctac 120
acgtgaagaa gcaggattct gggaagcgcg agaggccgtt caagattatc agctcatgtg 180
attcgcccaa ctgcaaaaga tgtctaccgt aggctgtgat ggggcccagg gcgtccgc 238

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<210> 295

<211> 311

<212> DNA

<213> Pinus taeda

<400> 295

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ggcgacgect atcagatggg tgagttgacc gacatttata gtccgataaa tgtttgaggc 60
tgatgtcatg gcaatccacg tgtctgcacc atatttcata ggagcccctc gtcggaatat 120
tccatgcgag gagagctggc gcgatagggt tcaggcgggc ggtttctggt ttgcagctgt 180
ggcttcccgc gcgccttaac tgttggcccc cgcgcacagg ggaaattaca aatttcaaca 240

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tatccaatac catcatataa cccaacaaca ctagcaacag atcctgttct gtgccatcgt 300
ccaactcttg a 311

<210> 296
<211> 202
<212> DNA
<213> Pinus taeda

<400> 296
gcggaacgct taattcgact acaaagatac tgaagccaat gatgacaggt tgtgccactt 60
tcccagctga taaagacagc tctgaaattg atagagccag aactccagct gcaatgctcc 120
ccagagcctg gttgaagcgc ttgctaaagg tggcacttta tagaccgacc caaacctcc 180
ctggccgctg ttttacaacg tc 202

<210> 297
<211> 507
<212> DNA
<213> Pinus taeda

<400> 297
gcggaacgct actggaaacc cgggtccaccg aaggctgaaa ttgtcctgct ttgtataaccg 60
aatggcagga aggttggtcga gcatcagggt cacctggtaa agattatcga tcctatgctt 120
caataccttc agctgctctg cccaaggac agtagtattg cacaggtaaa tttcagattc 180
attgacattc atccggaagc gatatgggtg gttctcgatc ctgtccccc tgaggagctc 240
cccaagattt tctgccatgt ccttcacacc atccaagggc ttgcagaagg gcaggctgta 300
atagctgtag ggaagctctg tctcgactga ggtaagggaa ttgacgttca cccataaatc 360
tgacccctgg gagaatatga tgtgaggaat acagtgccca gtaaatataa ctccgcatta 420
tacgtttgtg tgtgccttcc ccaatattgc cccaacataa tcaaaaccca caatcccaaa 480
tcctggaccg tcgtttttac aactgctc 507

<210> 298
<211> 522
<212> DNA
<213> Pinus taeda

<400> 298
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tgaattgcat tgcaggggtc tgaccaaaga agatcacata acaaccctgt atctggcaca 120
tctgtaggto gaggtatatt ctttatttgt tccaaattgg tcagttcagg cgaaagacca 180
ccatgcatgc ataggatctt ttcattctata agtgcagcaa caggcaggca gttgaaacag 240
tctgtaaaaa gtttccatag tcttacattg aatctgcgct tgcactcatc atagaaacca 300
tatatgcgat ttattgagga acattcatga tttccctca gaaggaaaaa gttctctggg 360
tatttaattt tgtaagcaag gaggaggcat attgtctcta ggctttgttt gcccgggtcc 420
acataatctc ccaagaaata agtaatttga ttctgggtggg aagccaccat attcaaaaag 480
ccttagacag atcagaatac cggcctgtcg ttttacaacg tc 522

<210> 299
<211> 410
<212> DNA
<213> Pinus taeda

<400> 299
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cggaatcag catattgatg tggctgcaac tcgcatcctc gatctttggt gggtcttcgg 120

```

cgattttacac atttgagatc tacttcgggtc tgctagtttt ccttgggtat atttatatttg 180
acacacagat gatcatcgag aaagcggacc atggagacta tgattattta aaacattcac 240
tggacctctt tattgacttc gttgctgtat ttgttcgcct gatggtcata atggcaaaga 300
atgcagacag taaatccagg gaagggaaaa agaagagaag ggcttgaact atgtgagata 360
caaaaatatc gagaatagaa gggcttgaac tagggcttga aagcgtccgc 410

```

<210> 300
 <211> 237
 <212> DNA
 <213> Pinus taeda

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<400> 300
gcggaagcct atcagacaag ggttggtgac cgaactttat cctctgaaaa gtgcttgaag 60
ctgatgtcat ggcaatccac gtgtctgcac catatttcat cggagcccct cacacggaaa 120
caaccttaag ccaaaagggtg gtgcgatgac ttaccggccg tttatgggtt gcttcgggtg 180
ttttctgttg ggtggtttcc cgcgcgcgtt aactgctggc cgctgtttta caacgtc 237

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<210> 301
 <211> 625
 <212> DNA
 <213> Pinus taeda

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<400> 301
gacgttgtaa aacgacggcc aagaggggga aactcccaaa acacttttcc atttttcttc 60
ttttattaaa cttcaaagta ttttccaaca gagttacaag gggccaacca tgtccaaatc 120
catgcattta ccaagtacaa agaatggtag tccttggctt gacctatcgc actagccaaa 180
agtgccaaagt ccacaactag ggtgtgcccc acctaagggt gacaccttgc ctagaaaaaa 240
ccccaaactt ggcaccacaa ataacacaga aacacaactc ttgacctctg ccagaaacca 300
ggctctcttg ggaaagccac acctctctct gtgatatgtc ttatctccaa tttccctttt 360
tgtgatgcac tcccttgctt gtggttctgc gatatcacac aaacttacat ttctgcgatt 420
tttgtttctt gcttctccaa atcatgcgat cttattttta acccttgaga cccttcacac 480
tttccatcca tgacgtcact tcctcgtttt agccaattcg tcatttgggc atgttgggcg 540
ttgggtctac ccgtattccg gtcgtacagg ccaaattgac cattttggtc cagggtgggtg 600
caccattcc tggagggcgt tcggc

```

<210> 302
 <211> 629
 <212> DNA
 <213> Pinus taeda

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<400> 302
gcggaagcct ccacagagct cacacatata atatactatg atgcctccag aactatggca 60
ctctgtatgc cgttccaata tggattagcc cacactgcgc catccaatta ggccaatcaa 120
ccttatagca ccatccacaa cctccagcgc tctctttttc acgctagatt ggccaactac 180
aggctttaca acactactca tatacaactc aactcggctc ctctgctcac cactaaatca 240
cacaggctcc aatcgctaga cagagccact acacaggcac taatagccac tacacaggca 300
ctaactcttg cgctctccac caggttccaa caacaacccc aaattgcata tgcaactccac 360
agtgagcacc aactagggtc acacaatagg ccacaccaac aacactccaa ggaccctaga 420
tcctgcctca ccagacacc actaggcctt cctcacagct cacctaagtg agccaacaac 480
tggctgggga cacagctccc aactatatga gcacacagc caactacagc tccaccacac 540
gcacagctac acgcacaatg ccttctcaag ttcacagcca caccataacg cagcacagtt 600
cttacaacaata tatctctcca ggcgtccgc

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<210> 303